

I Claim:

1. A method of treating laundry, which comprises the steps of:

subjecting the laundry to turbulence by introducing mechanical energy to the laundry disposed in a washing drum driven by a drum drive motor, the washing drum having rib-shaped entrainment members on an inside wall disposed ^{approximately} in parallel relationship with ^{the rotation} ~~an~~ axis; and

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varying control of the drum drive motor in dependence on an instantaneous rotary position of the rib-shaped entrainment members.

2. The method according to claim 1, which further comprises evaluating, as a rotary position-dependent signal, one of power consumption, motor current and rotary speed of the drum drive motor, on a basis of a fluctuation therein in dependence on a topography of the wash drum loaded with the laundry.

3. The method according to claim 1, which further comprises sensing an instantaneous spatial position of the rib-shaped entrainment members using indicators associated with them at the washing drum.

DSC-AP-0202

4. The method according to claim 3, which further comprises using a position sensor selected from the group consisting of magnetic position sensors, electrodynamic position sensors and optoelectronic position sensors ^{at} ~~on~~ a belt pulley ^{fix} ~~non-rotatably~~ connected to ~~one of~~ the washing drum ^{or at the} and a rotor of the drum drive motor being a direct drive motor.

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5. The method according to claim 1, which further comprises deriving an instantaneous spatial position of the rib-shaped entrainment members disposed in the wash drum from an incremental counter result of drum movements.

6. The method according to claim 5, which further comprises initiating an incremental sender due to an occurrence of a fluctuation in rotary speed or torque when driving the wash drum loaded with the laundry.

7. The method according to claim 6, which further comprises using torque-dependent fluctuations in the incremental sender signal sequence for rotary position-dependent initialization of the incremental sender.

8. The method according to claim 5, which further comprises:

providing the incremental sender with faults which are synchronized spatially to a drum topology and in response to

which the incremental sender is initialized at a start of operation; and

filtering out the faults during operation by virtue of their positioning, which is then pre-known, in a counting process.

9. The method according to claim 1, which further comprises varying a rotary speed presetting of the drum drive motor in dependence on the instantaneous rotary position of the rib-shaped entrainment members.

10. The method according to claim 1, which further comprises varying a torque of the drum drive motor in dependence on the instantaneous rotary position of the rib-shaped entrainment members.